

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: IRiS

Report Number: P1253250

Luminaire Tested: P3AS24R709030D010 E3CD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253250
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-48)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R709030D010 E3CD1MW
Description: 3in Adjustable LED luminaire with, R70 optic, 3000K CCT AND, 90CRI , E3CD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

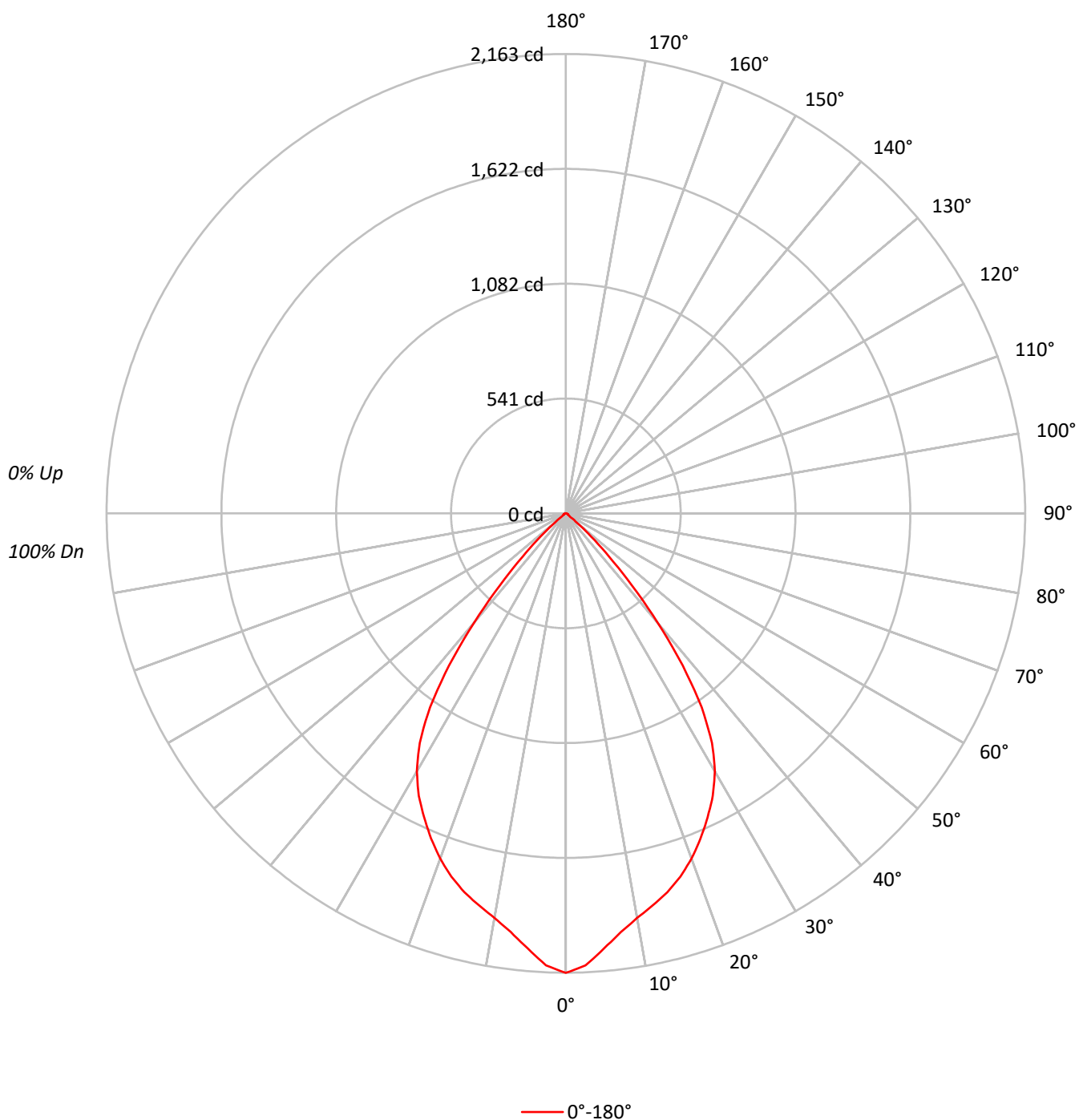
Lumens per Lamp: N/A
Luminaire Lumens: 2388.9 lumens
Efficiency: N/A
Efficacy: 82.9 lumens/watt
Spacing Criteria (0/90/45): 1.01 / 1.01 / 1.03
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P1253250

CATALOG NUMBER: P3AS24R709030D010 E3CD1MW

Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	113	110	107	105	111	108	106	103	104	102	100		100	99	97		97
2	107	102	97	94	105	100	96	93	97	94	91		94	91	89		91
3	101	94	89	85	99	93	88	84	90	86	83		88	84	81		85
4	95	87	81	77	94	86	81	76	84	79	75		82	78	75		80
5	90	81	75	70	88	80	74	70	78	73	69		77	72	69		75
6	85	75	69	64	83	75	69	64	73	68	64		72	67	63		70
7	80	70	64	59	79	70	64	59	68	63	59		67	62	59		66
8	76	66	59	55	75	65	59	55	64	58	55		63	58	54		62
9	72	62	55	51	71	61	55	51	60	55	51		59	54	50		58
10	68	58	52	47	67	57	51	47	56	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	474392
5°	452673
10°	430698
15°	419162
20°	403702
25°	382062
30°	355346
35°	298504
40°	192389
45°	89405
50°	23436
55°	5849
60°	5877
65°	4929
70°	4873
75°	4829
80°	4799
85°	4780

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 89405 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	192.5	8.1
10°-20°	518.8	21.7
20°-30°	724.9	30.3
30°-40°	672.1	28.1
40°-50°	241.0	10.1
50°-60°	20.4	0.9
60°-70°	10.1	0.4
70°-80°	6.5	0.3
80°-90°	2.6	0.1
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	1436.2	60.1
0°-40°	2108.3	88.3
0°-60°	2369.7	99.2
0°-90°	2388.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2388.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2163	
5°	2056	193
15°	1846	519
25°	1579	725
35°	1115	672
45°	288	241
55°	15	20
65°	10	10
75°	6	7
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2163.4
2.5°	2130.9
5°	2056.5
7.5°	1987.7
10°	1934.3
12.5°	1890.3
15°	1846.4
17.5°	1793.0
20°	1730.0
22.5°	1657.4
25°	1579.1
27.5°	1498.9
30°	1403.4
32.5°	1281.2
35°	1115.1
37.5°	903.2
40°	672.1
42.5°	458.3
45°	288.3
47.5°	160.4
50°	68.7
52.5°	22.9
55°	15.3
57.5°	13.4
60°	13.4
62.5°	11.5
65°	9.5
67.5°	9.5
70°	7.6
72.5°	7.6
75°	5.7
77.5°	5.7
80°	3.8
82.5°	3.8
85°	1.9
87.5°	1.9
90°	0.0

(END OF REPORT)